



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Wenatchee Resource Area
915 Walla Walla St.
Wenatchee, Washington 98801-1621



IN REPLY REFER TO
6840 (134)

September 20, 1999

TO: Wenatchee Resource Area Geologist

FROM: District Botanist

SUBJECT: T/E plant species evaluation of the proposed gravel quarry expansion, Douglas County, T.22N., R.22E., Sec. 10 SW1/4

The proposed project site was evaluated in the field in June, 1999. This area is found on the Rock Island grade road on the lower slopes of Badger Mountain. It is a relatively flat area overlooking Rock Island Creek. The former pit site had been reseeded with crested wheatgrass (*Agropyron cristatum*). The undisturbed area supports a lithosol community dominated by a scabland sagebrush (*Artemisia rigida*) and Sandberg bluegrass (*Poa secunda*) community. The lithosol community is surrounded by areas with a greater soil development supporting a big sagebrush (*Artemisia tridentata*) and bluebunch wheatgrass (*Agropyron spicatum*) community. Nearby to the west, the area drops off abruptly to the creek over a 1000 feet below. Here, there are cliffs and talus of basalt. On the cliffs and talus, *Phacelia lenta*, a Federal species of concern, has been located.

No other T/E or sensitive species were located. Some of the *Lomatium* sp. known to be cultural rootcrops are located in the scabland communities.

No special consideration for plant resources are being made, since the proposed excavation is not expected to involve the cliff or talus areas.